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SEQUENCE LISTING

<110> Thim, Lars
Norris, Kjeld
Norris, Fanny
Bjorn, Soren
Christensen, Mogens
Nielsen, Per Franklin

<120> Human Spasmolytic Polypeptide in
Glycosylated Form

<130> 3951.224-US

<140> US 09/528,644

<141> 2000-03-20

<150> US 09/580,964

<151> 2000-05-30

<150> US 09/027,893

<151> 1998-02-23

<150> US 08/491,979

<151> 1995-08-02

<150> PCT/DK94/00037

<151> 1994-01-20

<150> 0068/93

<151> 1993-01-21

<160> 14

<170> FastSEQ for Windows Version 4.0

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<211> 106

<212> PRT

<213> Homo Sapien

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20 25 30
Gly Cys Cys Phe Asp Ser Ser Val Thr Gly Val Pro Trp Cys Phe His
35 40 45
Pro Leu Pro Lys Gln Glu Ser Asp Gln Cys Val Met Glu Val Ser Asp
50 55 60
Arg Arg Asn Cys Gly Tyr Pro Gly Ile Ser Pro Glu Glu Cys Ala Ser

65					70					75					80	
Arg	Lys	Cys	Cys	Phe	Ser	Asn	Phe	Ile	Phe	Glu	Val	Pro	Trp	Cys	Phe	
				85					90					95		
Phe	Pro	Asn	Ser	Val	Glu	Asp	Cys	His	Tyr							
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               Met  Lys Ala Val Phe Leu Val Leu Ser Leu Ile Gly
                        -50                      -45

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ttc tgc tgg gcc caa cca gtc act ggc gat gaa tca tct gtt gag att 160
Phe Cys Trp Ala Gln Pro Val Thr Gly Asp Glu Ser Ser Val Glu Ile
-40 -35 -30

ccg gaa gag tct ctg atc atc gct gaa aac acc act ttg gct aac gtc 208
Pro Glu Glu Ser Leu Ile Ile Ala Glu Asn Thr Thr Leu Ala Asn Val
-25 -20 -15 -10

gcc atg gct gag aga ttg gag aag aga gag aaa ccc tcc ccc tgc cag 256
Ala Met Ala Glu Arg Leu Glu Lys Arg Glu Lys Pro Ser Pro Cys Gln
-5 1 5

tgc tcc agg ctg agc ccc cat aac agg acg aac tgc ggc ttc cct gga 304
Cys Ser Arg Leu Ser Pro His Asn Arg Thr Asn Cys Gly Phe Pro Gly
10 15 20

atc acc agt gac cag tgt ttt gac aat gga tgc tgt ttc gac tcc agt 352
Ile Thr Ser Asp Gln Cys Phe Asp Asn Gly Cys Cys Phe Asp Ser Ser
25 30 35

g t c a c t g g g g t c c c c t g g t g t t t c c a c c c c t c c c a a a g c a a g a g t c g 400
Val Thr Gly Val Pro Trp Cys Phe His Pro Leu Pro Lys Gln Glu Ser
40 45 50 55

gat cag tgc gtc atg gag gtc tca gac aga aga aac tgt ggc tac ccg 448
Asp Gln Cys Val Met Glu Val Ser Asp Arg Arg Asn Cys Gly Tyr Pro
60 65 70

ggc atc agc ccc gag gaa tgc gcc tct cgg aag tgc tgc ttc tcc aac 496
 Gly Ile Ser Pro Glu Glu Cys Ala Ser Arg Lys Cys Cys Phe Ser Asn
 75 80 85

 ttc atc ttt gaa gtg cca tgg tgc ttc ttc ccg aac tct gtg gaa gac 544
 Phe Ile Phe Glu Val Pro Trp Cys Phe Phe Pro Asn Ser Val Glu Asp
 90 95 100

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 Cys His Tyr
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 Leu Ile Ile Ala Glu Asn Thr Thr Leu Ala Asn Val Ala Met Ala Glu
 -20 -15 -10
 Arg Leu Glu Lys Arg Glu Lys Pro Ser Pro Cys Gln Cys Ser Arg Leu
 -5 1 5 10
 Ser Pro His Asn Arg Thr Asn Cys Gly Phe Pro Gly Ile Thr Ser Asp
 15 20 25
 Gln Cys Phe Asp Asn Gly Cys Cys Phe Asp Ser Ser Val Thr Gly Val
 30 35 40
 Pro Trp Cys Phe His Pro Leu Pro Lys Gln Glu Ser Asp Gln Cys Val
 45 50 55
 Met Glu Val Ser Asp Arg Arg Asn Cys Gly Tyr Pro Gly Ile Ser Pro
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 Glu Glu Cys Ala Ser Arg Lys Cys Cys Phe Ser Asn Phe Ile Phe Glu
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<211> 17
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BI cont
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<400> 14
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